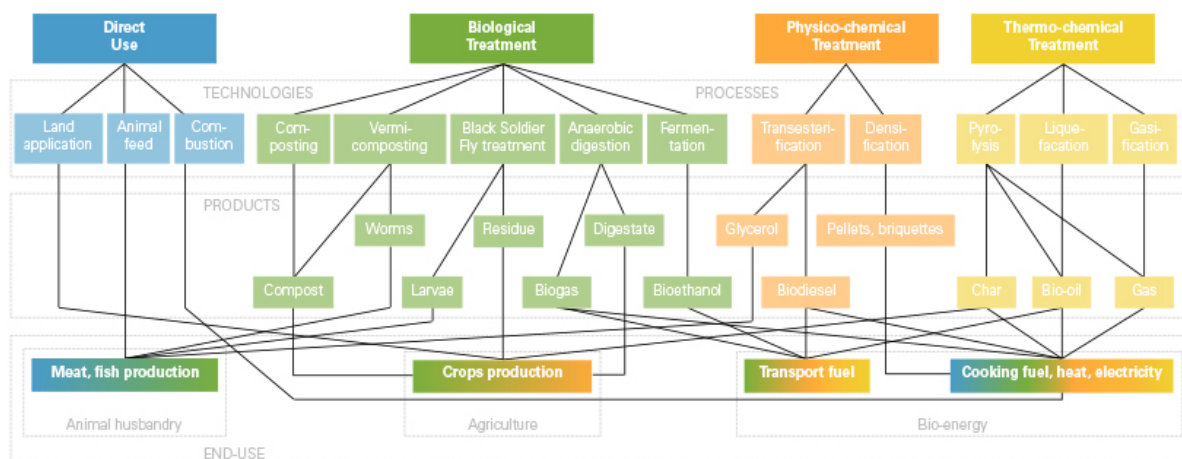




Recovering value from biowaste

March 21, 2017 | Andres Jordi
Topics: Water & Development

Inadequate solid waste management poses significant health and environmental problems in low- and middle-income countries. However, numerous treatment and recycling options are now available which can not only improve sanitary conditions but also provide commercial opportunities for local enterprises. For example, [anaerobic digestion](#) of waste produces biogas – a renewable energy source – and [insect larvae](#) can be used to convert organic waste into protein-rich animal feed. In a review article, Eawag scientists discuss the various treatment technologies available for urban solid biowaste, focusing on their applicability in low- and middle-income settings. They conclude that, while scientific articles have been published on each technology, field research and case studies at scale are underrepresented in the literature. Such studies could help to promote knowledge transfer and exchanges between academia, policy and practice.



A wide variety of technologies are available for converting biowaste into valuable products.

Related Links

Lohri C. R. et al. (2017): Treatment technologies for urban solid biowaste to create value products: a review with focus on low- and middle-income settings.

<https://www.eawag.ch/en/info/portal/news/news-archive/archive-detail/recovering-value-from-biowaste>